

Message

From: Hengst, Benjamin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C414E2BF04A246BB987D88498EEFF06-HENGST, BENJAMIN]
Sent: 8/25/2014 7:02:20 PM
To: Beauvais, Joel [Beauvais.Joel@epa.gov]
Subject: FW: Aircraft Endangerment Finding: Moving Out

Joel—I'm trying to figure out whether there's been any movement on this. I just got back from a week off so am out of the loop. Any news from your end? Both Chris and Janet are out on leave for 2 weeks, but I was wondering if you had heard something.

From: Audette, Lucie
Sent: Monday, August 25, 2014 11:10 AM
To: Hengst, Benjamin
Subject: FW: Aircraft Endangerment Finding: Moving Out

Here's the email I mentioned on phone call just now.

From: Charmley, William
Sent: Wednesday, August 20, 2014 8:04 PM
To: Audette, Lucie; Manning, Bryan; Passavant, Glenn; Samulski, Michael
Subject: Fw: Aircraft Endangerment Finding: Moving Out

Bill Charmley, US EPA
 Assessment and Standards Division
 Office of Transportation and Air Quality
 Ann Arbor, Michigan
 Desk ph = 734-214-4466
 Mobile ph = 734-545-0333
 Email = charmley.william@epa.gov

From: McCabe, Janet <McCabe.Janet@epa.gov>
Sent: Wednesday, August 20, 2014 8:01 PM
To: Grundler, Christopher
Cc: Charmley, William
Subject: Re: Aircraft Endangerment Finding: Moving Out

My apologies, guys and thanks for the reminder. Juggling a few things this week, but I know you are too. I'll get you an answer.

Sent from my iPhone

On Aug 20, 2014, at 4:34 PM, "Grunder, Christopher" <grundler.christopher@epa.gov> wrote:

Sorry to bug you about this again, but the impending deadline to submit our 2 page paper that says we are working on an endangerment finding is due this week

From: Charmley, William
Sent: Wednesday, August 20, 2014 3:21 PM
To: Grundler, Christopher
Subject: RE: Aircraft Endangerment Finding: Moving Out

Chris –

Any word on this?

Thanks
Bill

From: Grundler, Christopher
Sent: Monday, August 18, 2014 11:04 PM
To: McCabe, Janet
Cc: Charmley, William; Hengst, Benjamin; Dunham, Sarah
Subject: Aircraft Endangerment Finding: Moving Out

Janet:

Ex. 5 - Deliberative Process

From: Grundler, Christopher <grundler.christopher@epa.gov>
Sent: Friday, July 11, 2014 4:43 PM
To: McCabe, Janet
Cc: Charmley, William; Dunham, Sarah
Subject: Aircraft GHG Endangerment Communications

Janet:

The ICAO CO2 Standard Working Group meeting is next week in the U.S., and our team will be attending.

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

C.

Christopher Grundler, Director
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
202.564.1682 (DC)
734.214.4207 (Ann Arbor)
www.epa.gov/otag

To: Audette, Lucie[audette.lucie@epa.gov]; Leggett, Cullen[Leggett.Cullen@epa.gov]; Yen, David[Yen.David@epa.gov]
From: Manning, Bryan
Sent: Tue 6/30/2015 7:38:59 PM
Subject: RE: For Review: Revised WH Briefing
FAA-EPA CO2 Standard briefing_24 June 2015 epa+BM2 +CL+ lcacomments.docx

Nice job, Lucie! Attached please find my comments. For a few of my comments on the figures, we will need Cullen and David's help to revised the labeling on these figures. Let me know if you have any questions.

Thank you,

Bryan

Bryan Manning

U.S. EPA Office of Transportation and Air Quality

Large Marine and Aviation Center

2000 Traverwood Drive

Ann Arbor, MI 48105

(ph) 734-214-4832 (fax) 734-214-4816

manning.bryan@epa.gov

From: Audette, Lucie
Sent: Tuesday, June 30, 2015 12:16 PM
To: Manning, Bryan; Leggett, Cullen; Yen, David
Subject: For Review: Revised WH Briefing

I'm attaching the original FAA version in case you want to compare. I would suggest you work in Simple Markup format since it is pretty messy otherwise (ie difficult to review). Once we are

OK with this we should share with Bill to get his feedback. Lucie

To: Audette, Lucie[audette.lucie@epa.gov]; Leggett, Cullen[Leggett.Cullen@epa.gov]
From: Manning, Bryan
Sent: Fri 6/26/2015 4:08:50 PM
Subject: THANKS: Revised Janet Briefing based on Bill's comments (PLEASE REVIEW)
Janet McCabe Briefing ICAO CO2 Standard SG15 Mtg 6-26-15v2.pptx

Thank you, Lucie. This is helpful. I incorporated your comments. Attached please find the latest version of the Janet briefing.

Thanks again,

Bryan

Bryan Manning

U.S. EPA Office of Transportation and Air Quality

Large Marine and Aviation Center

2000 Traverwood Drive

Ann Arbor, MI 48105

(ph) 734-214-4832 (fax) 734-214-4816

manning.bryan@epa.gov

From: Audette, Lucie
Sent: Friday, June 26, 2015 11:59 AM
To: Manning, Bryan; Leggett, Cullen
Subject: RE: Revised Janet Briefing based on Bill's comments (PLEASE REVIEW)

Just a few suggested changes on slides 7, 8, 12, and 15. I think this is looking very good!

From: Manning, Bryan
Sent: Friday, June 26, 2015 11:33 AM
To: Audette, Lucie; Leggett, Cullen
Subject: Revised Janet Briefing based on Bill's comments (PLEASE REVIEW)

Hello Lucie,

Attached please find the revised Janet briefing based on Bill's comments. Could you take a quick look through to make sure I did not miss anything?

Thanks,

Bryan

Bryan Manning

U.S. EPA Office of Transportation and Air Quality

Large Marine and Aviation Center

2000 Traverwood Drive

Ann Arbor, MI 48105

(ph) 734-214-4832 (fax) 734-214-4816

manning.bryan@epa.gov

To: Schillo, Bruce[Schillo.Bruce@epa.gov]; Manning, Bryan[manning.bryan@epa.gov]; Audette, Lucie[audette.lucie@epa.gov]; Birnbaum, Rona[Birnbaum.Rona@epa.gov]; Samulski, Michael[samulski.michael@epa.gov]; DeAngelo, Ben[DeAngelo.Ben@epa.gov]; Thrift, Mike[thrift.mike@epa.gov]; Benner, Tim[Benner.Tim@epa.gov]; Dutton, Steven[Dutton.Steven@epa.gov]; McDow, Stephen[McDow.Stephen@epa.gov]; Sarofim, Marcus[Sarofim.Marcus@epa.gov]; Leggett, Cullen[Leggett.Cullen@epa.gov]; Yen, David[Yen.David@epa.gov]; Maeroff, Bruce[Maeroff.Bruce@epa.gov]; Gordon, Jessica M[Gordon.Jessica@epa.gov]; Hockstad, Leif[Hockstad.Leif@epa.gov]; Williams, Melina[Williams.Melina@epa.gov]; Ayres, Sara[Ayres.Sara@epa.gov]; Bowen, Jennifer[Bowen.Jennifer@epa.gov]
From: Jantarasami, Lesley
Sent: Mon 11/10/2014 10:26:28 PM
Subject: Nov 12 Options Selection briefing Aircraft GHG endangerment/ANPR
Options Selection Aircraft for Janet McCabe 11-12-14 Final.pptx

Dear workgroup,

We have revised the Options Selection briefing based on feedback from Janet last Friday – please see attached.

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

I'd also like to welcome a new member of the workgroup – Sara Ayres from OECA.

Please let Lucie and me know if you have any questions; otherwise, talk to you at the meeting on Nov 12 at noon.

Thanks and enjoy the holiday tomorrow,

Lesley & Lucie

Lesley Jantarasami

U.S. EPA, Office of Air & Radiation

Office of Atmospheric Programs

Climate Change Division

jantarasami.lesley@epa.gov

(202)-343-9929

To: Samulski, Michael[samulski.michael@epa.gov]
Cc: Audette, Lucie[audette.lucie@epa.gov]; Leggett, Cullen[Leggett.Cullen@epa.gov]
From: Manning, Bryan
Sent: Sun 4/19/2015 8:13:49 PM
Subject: Latest version of Aircraft GHG endang/ANPR (PLEASE REVIEW)
Aircraft GHG 4-19-15 Response to OMB.docx

Hello Mike,

Attached please find the latest version of the aircraft GHG endang/ANPR. As you know, we need you to review it before we send it to OGC. Let us know if you have any comments.

Note, SharePoint was not working for me today (Sunday), and thus, I have highlighted changes I made to today in light blue (thankfully, SharePoint was working Friday and Saturday). Thus, before we send the preamble to OGC, we need to make sure the SharePoint version is up to date with this attached version. This SharePoint version control issue is not for you to worry about, and I will work with Lucie and Cullen on it. Let us know if you have any questions.

Thank you,

Bryan

P.S. I already incorporated your Friday comments on the cause or contribute section into this attached version.

Bryan Manning

U.S. EPA Office of Transportation and Air Quality

Large Marine and Aviation Center

2000 Traverwood Drive

Ann Arbor, MI 48105

(ph) 734-214-4832 (fax) 734-214-4816

manning.bryan@epa.gov

To: Audette, Lucie[audette.lucie@epa.gov]; Leggett, Cullen[Leggett.Cullen@epa.gov]
From: Manning, Bryan
Sent: Fri 6/26/2015 3:33:21 PM
Subject: Revised Janet Briefing based on Bill's comments (PLEASE REVIEW)
Janet McCabe Briefing ICAO CO2 Standard SG15 Mtg 6-26-15.pptx

Hello Lucie,

Attached please find the revised Janet briefing based on Bill's comments. Could you take a quick look through to make sure I did not miss anything?

Thanks,

Bryan

Bryan Manning

U.S. EPA Office of Transportation and Air Quality

Large Marine and Aviation Center

2000 Traverwood Drive

Ann Arbor, MI 48105

(ph) 734-214-4832 (fax) 734-214-4816

manning.bryan@epa.gov

Message

From: Manning, Bryan [manning.bryan@epa.gov]
Sent: 6/10/2015 4:11:26 PM
To: Hengst, Benjamin [Hengst.Benjamin@epa.gov]
CC: Samulski, Michael [samulski.michael@epa.gov]; Audette, Lucie [audette.lucie@epa.gov]; Leggett, Cullen [Leggett.Cullen@epa.gov]; Birnbaum, Rona [Birnbaum.Rona@epa.gov]; DeAngelo, Ben [DeAngelo.Ben@epa.gov]; Jantarasami, Lesley [Jantarasami.Lesley@epa.gov]; Birgfeld, Erin [Birgfeld.Erin@epa.gov]; Sutton, Tia [sutton.tia@epa.gov]; Mylan, Christopher [Mylan.Christopher@epa.gov]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]
Subject: RE: Sent Email to Stakeholders and Final Fact Sheet

Okay, Ben. This plan sounds fine.

Thank you,

Bryan

Bryan Manning
 U.S. EPA Office of Transportation and Air Quality
 Large Marine and Aviation Center
 2000 Traverwood Drive
 Ann Arbor, MI 48105
 (ph) 734-214-4832 (fax) 734-214-4816
manning.bryan@epa.gov

From: Hengst, Benjamin
Sent: Wednesday, June 10, 2015 12:10 PM
To: Manning, Bryan
Cc: Samulski, Michael; Audette, Lucie; Leggett, Cullen; Birnbaum, Rona; DeAngelo, Ben; Jantarasami, Lesley; Birgfeld, Erin; Sutton, Tia; Mylan, Christopher; DeLuca, Isabel
Subject: Re: Sent Email to Stakeholders and Final Fact Sheet

I thought we agreed the email goes after the press release goes out. So let's plan that we can send the email at 1:10.

As for the fact sheet it will be posted on line by then, so you can either download it or just send the link to it. Does that work?

Thanks. Ben

On Jun 10, 2015, at 11:53 AM, Manning, Bryan <manning.bryan@epa.gov> wrote:

Hello Ben,

Yesterday, I believe we agreed that we can send the email to stakeholders after the web goes live at 12:30 pm, but before the press release at 1:00 pm. Is this still correct? Also, we plan to attach the fact sheet to the email to stakeholders. I am not sure I have the final version of the fact sheet, and thus, could you, Tia, or Erin send me the final version of the fact sheet?

Thank you,

Bryan

Bryan Manning
U.S. EPA Office of Transportation and Air Quality
Large Marine and Aviation Center
2000 Traverwood Drive
Ann Arbor, MI 48105
(ph) 734-214-4832 (fax) 734-214-4816
manning.bryan@epa.gov

From: Hengst, Benjamin
Sent: Wednesday, June 10, 2015 11:16 AM
To: Grundler, Christopher; Samulski, Michael; Audette, Lucie; Leggett, Cullen; Manning, Bryan; Birnbaum, Rona; Gunning, Paul; DeAngelo, Ben
Cc: Charmley, William; Birgfeld, Erin; Mylan, Christopher; DeLuca, Isabel; Millett, John; StClair, Christie
Subject: Final Q&As

All: final Q&A doc is attached.

Chris – the end of this document has answers to the questions you gave us last night/this morning. They are also copied below.

Just as a reminder: here's the schedule:

12:30 pm - web goes live

1 pm - press release (to HQ Environmental, Top-Tier, Aircraft lists)

1:10 - external calls

2 pm - press call

Ben

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Message

From: Samulski, Michael [samulski.michael@epa.gov]
Sent: 12/10/2014 12:58:06 PM
To: Manning, Bryan [manning.bryan@epa.gov]; Audette, Lucie [audette.lucie@epa.gov]
CC: Leggett, Cullen [Leggett.Cullen@epa.gov]; Yen, David [Yen.David@epa.gov]
Subject: FW: Contact information for Rich Swayze's Office at FAA
Attachments: Notes for Meeting with Rich Swayze 12 9 14.docx

Here's what I ended up sending to Bill, who forwarded it to Ben. It incorporates your comments, as well as Ralph's recent comments on the summary document.

Ben said he would contact me today about setting up a pre-brief with Janet.

Mike

Michael Samulski
 U.S. Environmental Protection Agency
 Office of Transportation and Air Quality
 Director, Large Marine and Aircraft Center
 1 (734) 214-4532
 samulski.michael@epa.gov

From: Charmley, William
Sent: Tuesday, December 09, 2014 5:00 PM
To: Samulski, Michael; Hengst, Benjamin
Subject: RE: Contact information for Rich Swayze's Office at FAA

Mike,

Thanks for this draft to prepare Janet for this meeting next week.

Yes, I think we should try and schedule a 30 minute discussion with Janet to get her prepared before this meeting.

Thanks
 Bill

From: Samulski, Michael
Sent: Tuesday, December 09, 2014 4:09 PM
To: Charmley, William
Subject: FW: Contact information for Rich Swayze's Office at FAA

Bill,

Attached is a draft briefing document to prepare Janet for her meeting with Rich Swayze, FAA, on aircraft CO2 standards coordination. Her meeting is scheduled for 12/18 at 10:00am.

The document has 2 parts. First, a 1-pager with talking points. Second, it has an attachment (3pages) that EPA and FAA staff coordinated on to give a status update of the CO2 work at ICAO.

Should we be setting up time with Chris and/or Janet to go through this?

Mike

Michael Samulski
U.S. Environmental Protection Agency
Office of Transportation and Air Quality
Director, Large Marine and Aircraft Center
1 (734) 214-4532
samulski.michael@epa.gov

Message

From: Hengst, Benjamin [Hengst.Benjamin@epa.gov]
Sent: 6/2/2015 7:45:23 PM
To: Birgfeld, Erin [Birgfeld.Erin@epa.gov]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]; Mylan, Christopher [Mylan.Christopher@epa.gov]; Birnbaum, Rona [Birnbaum.Rona@epa.gov]; Jantarasami, Lesley [Jantarasami.Lesley@epa.gov]; DeAngelo, Ben [DeAngelo.Ben@epa.gov]; Manning, Bryan [manning.bryan@epa.gov]; Leggett, Cullen [Leggett.Cullen@epa.gov]; Samulski, Michael [samulski.michael@epa.gov]; Audette, Lucie [audette.lucie@epa.gov]
CC: Sutton, Tia [sutton.tia@epa.gov]
Subject: Current aircraft documents
Attachments: Roll Out -aircraft (incl Q&A) v3.docx; Aircraft End Press Release v16.docx; Aircraft GHG Fact Sheet v9.docx; Timeline.docx

Hi gang:

Here is the current set of documents. Please circulate edits if you have them (we'll keep the pen in the OTAQ IO for now).

1. Press release
2. Fact sheet
3. Roll-out plan (with Q&A)
4. Timeline

OTAQ/Ann Arbor – can you please update the timeline as you see fit?

Thanks,

Ben

To: Leggett, Cullen[Leggett.Cullen@epa.gov]
From: Manning, Bryan
Sent: Mon 2/9/2015 2:55:53 PM
Subject: FW: Comments on endangerment proposal/ANPR
Aircraft GHG Preamble - Master 2-6-15 clean BH.docx

Hello Cullen,

I hope you are feeling better soon. See below/attached from Ben. I have not looked at his comments yet, but today I will be responding to any comments he has in my portions of the ANPR section. We have a new MASTER document dated 2-6-15 (or folder) we are working from.

Thanks,

Bryan

Bryan Manning

U.S. EPA Office of Transportation and Air Quality

Large Marine and Aviation Center

2000 Traverwood Drive

Ann Arbor, MI 48105

(ph) 734-214-4832 (fax) 734-214-4816

manning.bryan@epa.gov

From: Hengst, Benjamin
Sent: Sunday, February 08, 2015 9:13 PM
To: Audette, Lucie; Jantarasami, Lesley; Samulski, Michael; Manning, Bryan
Cc: Sutton, Tia; Charmley, William
Subject: Comments on endangerment proposal/ANPR

Lucie, Lesley, et al:

Nice work on this package.

Ex. 5 - Deliberative Process

thanks,

Ben

Message

From: Manning, Bryan [manning.bryan@epa.gov]
Sent: 8/11/2014 8:27:54 PM
To: Iffland, JoNell [Iffland.JoNell@epa.gov]; Miller, Debra L. [Miller.Debral@epa.gov]
CC: Charmley, William [charmley.william@epa.gov]; Samulski, Michael [samulski.michael@epa.gov]; Passavant, Glenn [passavant.glenn@epa.gov]; Leggett, Cullen [Leggett.Cullen@epa.gov]; Yen, David [Yen.David@epa.gov]; Giannelli, Bob [Giannelli.Bob@epa.gov]; Maeroff, Bruce [Maeroff.Bruce@epa.gov]; Mueller, John [mueller.john@epa.gov]; Audette, Lucie [audette.lucie@epa.gov]
Subject: Briefing: Update on ICAO Aircraft CO2 and PM Standards
Attachments: 1-pager for Bill_CAEP CO2 PM Public Endang 8-11-14b.docx

Hello,

Attached please find the materials for the briefing with Bill tomorrow (8/12) at 9:00 -- Update on ICAO Aircraft CO2 and PM Standards. Let me know if you have any questions.

Thank you,

Bryan

Bryan Manning
U.S. EPA Office of Transportation and Air Quality
Large Marine and Aviation Center
2000 Traverwood Drive
Ann Arbor, MI 48105
(ph) 734-214-4832 (fax) 734-214-4816
manning.bryan@epa.gov

Message

From: Audette, Lucie [audette.lucie@epa.gov]
Sent: 10/9/2014 7:23:49 PM
To: Jantarasami, Lesley [Jantarasami.Lesley@epa.gov]; Manning, Bryan [manning.bryan@epa.gov]; Thrift, Mike [thrift.mike@epa.gov]; Williams, Melina [Williams.Melina@epa.gov]
CC: Birnbaum, Rona [Birnbaum.Rona@epa.gov]; DeAngelo, Ben [DeAngelo.Ben@epa.gov]; Sarofim, Marcus [Sarofim.Marcus@epa.gov]; Samulski, Michael [samulski.michael@epa.gov]; Yen, David [Yen.David@epa.gov]; Leggett, Cullen [Leggett.Cullen@epa.gov]; Maeroff, Bruce [Maeroff.Bruce@epa.gov]
Subject: RE: revised Outline for Aircraft GHG Endang/ANPR
Attachments: Draft Proposed Rule Preamble_ANPR Outline 10-9-14 pm.docx

Hi Lesley, Bryan and I reviewed all comments and have responded making necessary changes. You can see that I attempted to update the title to address Mike/Rona's comments. Once you have reviewed and finalized I think it is ready to send out to the workgroup as our final, would you agree? If so please feel free to forward or I'll be happy to do it. Lucie

From: Jantarasami, Lesley
Sent: Thursday, October 09, 2014 10:30 AM
To: Audette, Lucie; Manning, Bryan; Thrift, Mike; Williams, Melina
Cc: Birnbaum, Rona; DeAngelo, Ben; Sarofim, Marcus; Samulski, Michael; Yen, David; Leggett, Cullen; Maeroff, Bruce
Subject: RE: revised Outline for Aircraft GHG Endang/ANPR

+ Melina too

[the idea behind the change was to mirror the Section 231 language and emphasize the cause or contribute.]

From: Audette, Lucie
Sent: Thursday, October 09, 2014 10:07 AM
To: Jantarasami, Lesley; Manning, Bryan; Thrift, Mike
Cc: Birnbaum, Rona; DeAngelo, Ben; Sarofim, Marcus; Samulski, Michael; Yen, David; Leggett, Cullen; Maeroff, Bruce
Subject: RE: revised Outline for Aircraft GHG Endang/ANPR

Hello all, Lesley your changes look fine to me. I have a question for Mike Thrift on the actual title of this proposed rule so I'm including him in the discussion. Mike would appreciate if you weigh in. Thanks. Lucie

From: Jantarasami, Lesley
Sent: Thursday, October 09, 2014 9:05 AM
To: Manning, Bryan
Cc: Birnbaum, Rona; DeAngelo, Ben; Sarofim, Marcus; Audette, Lucie; Samulski, Michael; Yen, David; Leggett, Cullen; Maeroff, Bruce
Subject: revised Outline for Aircraft GHG Endang/ANPR

Here are our suggestions for how to revise the outline based on the discussion yesterday. Please let us know if you have any questions.

Thanks!

Lesley

Lesley Jantarasami
 U.S. EPA, Climate Change Division

jantarasami.lesley@epa.gov
(202)-343-9929

From: Manning, Bryan
Sent: Thursday, October 02, 2014 4:49 PM
To: Jantarasami, Lesley
Cc: Birnbaum, Rona; DeAngelo, Ben; Sarofim, Marcus; Audette, Lucie; Samulski, Michael; Yen, David; Leggett, Cullen; Maeroff, Bruce
Subject: Latest Outline for Aircraft GHG Endang/ANPR (& deadline for 1st drafts)

Hello Lesley,

Attached is the latest outline for the aircraft GHG endangerment/ANPR -- with names assigned to sections

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Thank you,

Bryan

P.S. We have a paper deadline of October 24 for the next ICAO/CAEP working group meeting, and thus, we are trying to avoid the same deadline for 1st drafts of preamble sections.

Bryan Manning
U.S. EPA Office of Transportation and Air Quality
Large Marine and Aviation Center
2000 Traverwood Drive
Ann Arbor, MI 48105
(ph) 734-214-4832 (fax) 734-214-4816
manning.bryan@epa.gov

Message

From: Manning, Bryan [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9507F60B9C47448A88DD5D270BFC2DD4-MANNING, BRYAN]
Sent: 6/17/2015 1:31:35 PM
To: Manning, Bryan [manning.bryan@epa.gov]
Subject: briefing
Attachments: Chris Briefing on CAEP SG15 US WPs 6-16-15.docx

Bryan Manning
U.S. EPA Office of Transportation and Air Quality
Large Marine and Aviation Center
2000 Traverwood Drive
Ann Arbor, MI 48105
(ph) 734-214-4832 (fax) 734-214-4816
manning.bryan@epa.gov

Appointment

From: Samulski, Michael [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7ECF1AF23A134D2995FD354D03632D6C-SAMULSKI, MICHAEL]
Sent: 3/23/2018 12:55:17 PM
To: Samulski, Michael [samulski.michael@epa.gov]; Cullen Leggett (leggett.cullen@epa.gov) [leggett.cullen@epa.gov]; Mueller, John [mueller.john@epa.gov]; yen.david@epa.gov; maeroff.bruce@epa.gov
CC: Manning, Bryan [manning.bryan@epa.gov]
BCC: AA-Room-Office-N66-ConfRoom/AA-OTAQ-OFFICE [AA-Room-Office-N66-ConfRoom@epa.gov]
Subject: CO2 drafting schedule
Attachments: Outline_Assignments_Preamble_Aircraft CO2 Stds NPRM.docx; Outline_Assignments_RIA_Aircraft CO2 Stds NPRM.docx
Location: AA-Room-Office-N66-ConfRoom/AA-OTAQ-OFFICE
Start: 3/27/2018 6:30:00 PM
End: 3/27/2018 7:00:00 PM
Show Time As: Busy

I have a conflict, so am rescheduling for tomorrow just before the team meeting.

Mike

Time is getting short to get the preamble and RIA drafted. I would like to pin down dates that first drafts done of the different sections will be ready for my review.

Thanks,

Mike

Message

From: Samulski, Michael [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7ECF1AF23A134D2995FD354D03632D6C-SAMULSKI, MICHAEL]
Sent: 6/10/2015 6:58:26 PM
To: Bryan Manning (manning.bryan@epa.gov) [manning.bryan@epa.gov]; Lucie Audette (audette.lucie@epa.gov) [audette.lucie@epa.gov]; Cullen Leggett (leggett.cullen@epa.gov) [leggett.cullen@epa.gov]
Subject: FW: Here is A4A's release
Attachments: removed.txt

Michael Samulski
 U.S. Environmental Protection Agency
 Office of Transportation and Air Quality
 Director, Large Marine and Aircraft Center
 1 (734) 214-4532
 samulski.michael@epa.gov

From: Young, Nancy [mailto:NYoung@airlines.org]
Sent: Wednesday, June 10, 2015 2:35 PM
To: Charmley, William; Samulski, Michael; Maurice, Lourdes; Burleson, Carl; Ralph.lovinelli@faa.gov; Welsh, Kevin
Subject: Here is A4A's release

Link: <http://airlines.org/news/a4a-supports-ongoing-work-on-international-aircraft-emissions-standard/>



Airlines for America Supports Ongoing Work on International Aircraft Emissions Standard

WASHINGTON, June 10, 2015 – Airlines for America (A4A), the industry trade organization for the leading U.S. airlines, today issued the following statement in response to the Environmental Protection Agency's (EPA) announced finding, as required under the Clean Air Act and Advance Notice of Proposed Rulemaking on aircraft greenhouse gas (GHG) emissions.

U.S. airlines drive 5 percent of U.S. economic activity but account for only 2 percent of the nation's GHG emissions. A4A and our members support the work at the International Civil Aviation Organization (ICAO) to develop a carbon dioxide (CO₂) certification standard for new type aircraft, as it will further support our global aviation coalition's emissions goals to achieve 1.5% annual average fuel efficiency improvements through 2020 and carbon neutral growth from 2020, subject to critical aviation infrastructure and technology advances achieved by government and the industry. Before EPA may adopt the future international standard into U.S. law, the Clean Air Act requires the Agency to have made the proposed finding that aircraft GHG emissions "cause or contribute" to the climate change effects generally posed by GHG emissions. EPA made that general finding in 2009 and has been conducting the Clean Air Act-required assessments on a sector-by-sector basis in the years since.

"Aviation is a global industry, making it critical that aircraft emissions standards continue to be agreed upon at the international level," said A4A Vice President, Environmental Affairs Nancy Young. "While we believe that any regulatory action must be consistent with both the agency's authority under the Clean Air Act and the future ICAO standard, today's action reconfirms the EPA's commitment to the ICAO process for achieving a global CO₂ standard for new aircraft."

Young noted the U.S. aviation industry's exceptional environmental track record, having improved fuel efficiency over 120 percent since 1978, and saving over 3.8 billion metric tons of CO₂, the equivalent to taking 23 million cars off the road each of those years. Further, the U.S. airlines carried 20 percent more passengers and cargo in 2014 than they did in 2000, while emitting 8 percent less CO₂.

"U.S. airlines are green and we are getting even greener," said Young. "The technology, operations and infrastructure initiatives that our airlines are undertaking to further address GHG emissions are designed to responsibly and effectively limit their carbon emissions and potential climate change impacts while allowing them to continue to serve as drivers of U.S. and global economies."

The ICAO work on an aircraft CO₂ certification standard for new aircraft commenced in 2010 under the Committee on Aviation Environmental Protection. EPA and the U.S. Federal Aviation Administration are key participants in this work, which is expected to culminate in February 2016 with a recommended international aircraft standard.

ABOUT A4A

Annually, commercial aviation helps drive nearly \$1.5 trillion in U.S. economic activity and more than 11 million U.S. jobs. Airlines for America (A4A) vigorously advocates on behalf of the American airline industry as a model of safety, customer service and environmental responsibility and as the indispensable network that drives our nation's economy and global competitiveness. Our member carriers and their affiliates transport more than 90 percent of all U.S. airline passenger and cargo traffic.

America needs a cohesive National Airline Policy that will support the integral role the nation's airlines play in connecting people and goods globally, spur the nation's economic growth and create more high-paying jobs. A4A works collaboratively with the airlines, labor groups, Congress and the Administration to improve air travel for everyone.

For more information about the airline industry, visit our website airlines.org and our blog, A Better Flight Plan, at airlines.org/blog.

Follow us on Twitter: [@airlinesdotorg](https://twitter.com/airlinesdotorg).

Nancy N. Young
Vice President, Environmental Affairs
Airlines for America
We Connect the World
1301 Pennsylvania Ave, NW, Suite 1100
Washington, DC 20004
Phone: (202) 626-4207
email: nyoung@airlines.org